

## PROJECT OVERSIGHT REPORT

Revenue Fare Collection (RFC) System  
Department of Transportation (WSDOT)

Report as of Date:  
February 2002

**Project Director:** Jim Long  
**MOSTD Staff:** David M. Koch

**Executive Sponsor:** Mike Thorne

**Description:** The Washington State Ferries' (WSF) Revenue Fare Collection System (RFC) Project will acquire and implement a fare collection and control system that includes all necessary infrastructure, hardware, software, documentation, training, and maintenance to support the migration from the current point of sales (POS) system. The current system was built on early 1990 business rules and is highly proprietary hardware that is no longer vendor supported. For the fiscal year ending June 30, 2001 the system collected \$93.3 million. The scope of the new system includes the following:

- An integrated computer system supporting multiple methods of payment;
- Support of regional electronic fare collection;
- Consolidated financial and traffic reporting; and
- Improved vessel load statistics.

This project will be delivered in two parts. The first part is an RFP to develop a system design and architecture with the primary deliverable being an RFP to build a turnkey system.

**Technology:** The exact technology will be based on the results of the second Request for Proposal (RFP) evaluation. The second RFP will be the result of an initial RFP to determine overall system design and architecture as stated above. The system will also make use of web technology and electronic payment. The technology will be able to interface with the Regional Fare Coordination project, WSDOT systems, and be consistent with the state's information technology direction.

**Life Cycle Stage:** WSF has finished their feasibility study and has had the project investment plan approved by DIS. The project is currently in the project planning and initiation phase. The first RFP is scheduled for release in early 2002, with the second RFP planned for release in June 2002.

**Budget:** The project is expected to cost \$5,028,000 for initial construction during the 2001-03 Biennium (funded), with a life cycle cost that adds an additional \$3,774,000 over the next two biennia (2003-05 and 2005-07) for a total life cycle cost of \$9,574,000. The majority of the original costs are project planning (\$1.2 million), hardware (\$1.5 million), design (\$600,000) and software (\$500,000). The majority of follow on costs are for support and fees.

The new system is expected to save \$717,000 per year.

<b>Schedule:</b>	Credit Card Acceptance system	Complete
	Release First (design) RFP	February 2002
	Release Second (build) RFP	June 2002
	Project Build Initiation	November 2002
	Design and Construction complete	August 2003
	Acceptance testing complete	February 2004
	Implement RFC	February 2004
	Deploy RFC completion	July 2004

**Status:** The project has started and is currently finalizing the first RFP for system design.

**Recommendations:** This report is for information only. The project was determined to be a Level 1 project, based on the Portfolio Management Severity/Risk analysis. The cost of the project exceeded the delegated authority of the Secretary of Transportation and was therefore approved by the Director of DIS. Overall the project is Level 1, but because of significant cost and visibility this report has been included to give the ISB an awareness of the project.